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15 December 2017

Mr. John Nordine  
U.S. EPA Region 5  
RCRA Enforcement and Compliance Assurance Branch (LU-16)  
77 West Jackson Boulevard  
Chicago, Illinois 60604

Re: Central Wire, Union, Illinois RCRA CMI Monthly Progress Report, November 2017  
EPA ID: ILD005178975

Dear Mr. Nordine:

Enclosed please find the RCRA CMI Monthly Progress Report for the Central Wire facility located in Union, Illinois for November 2017.

This report includes the eDMR for the groundwater pump & treat facility and the laboratory analytical report, which include the effluent data used in the eDMR and the South Branch Nursery well sample for Volatile Organic Compounds.

If you have any comments or questions regarding the progress of this project, please contact me at (262) 237-1130.

Sincerely,

**Autumnwood ESH Consultants, LLC**

John W. Thorsen, P.E.

**JWT:jt**

encl

cc:	Joyce Munie	IEPA
	Robert Kay	USGS
	Gerald W. Ruopp	Central Wire
	Robert Johnson	Central Wire

**MONTHLY PROGRESS REPORT**  
**Central Wire Union, Illinois Site**  
**November 2017**

- 1 Progress Made This Reporting Period** – In this reporting period Central Wire Inc. (CWI) continued the operation and maintenance of the groundwater extraction and treatment (P&T) system. CWI treated an average of 524,000 gallons per day (GPD) with a maximum daily flow of 532,000 GPD. Table 1, attached, lists the average daily P&T volumes by month from January 2015 through November 2017.

The monthly NPDES sample met effluent limitations for pH, 1,1,1-Trichloroethane (TCA), Trichloroethene (TCE) and Tetrachloroethene (PCE). The electronic Discharge Monitoring Report (eDMR) for the month is attached to this report.

The laboratory analytical report for the pump and treat effluent sample and the Ex. 6 Personal Privacy (PP) has been shut down for Ex. 6 Personal Privacy (PP) the winter were collected on November 15, 2017 and arrived at Test America Laboratory on November 16, 2017 at 0.4° C. There were no volatile organic compound detections in the Ex. 6 Personal Privacy (PP)

Neither of the two Ex. 6 Personal Privacy (PP) were run in November and the engines were put in storage between November 13<sup>th</sup> and 20<sup>th</sup>.

CWI prepared and submitted the permit water well application for the Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) and received comments back from the county. CWI responded to those comments on November 30, 2017.

**2 Summary of Validated Data and Results**

**Pump & Treat System NPDES Sampling**

The monthly effluent sampling took place on November 15, 2017. The permit limitations and analytical results are shown in Table 2, below. There were no effluent limitation exceedances.

**Table 2**  
**Central Wire Union Illinois Pump & Treat Discharge Analytical Results**

Parameter	Effluent Limitation (Daily Maximum), µg/L	Analytical Results, µg/L
1,1,1-Trichloroethane	20	< 0.38
Tetrachloroethene	20	< 0.37
Trichloroethene	20	<0.16

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**Ex. 6 Personal Privacy (PP) Sample**

Central Wire collected a sample at the **Ex. 6 Personal Privacy (PP)** which is still being used to supply the toilet in the office, also on November 15, 2017. There were no detections of volatile organic compounds. These results are in the attached analytical report.

This November 2017 NPDES analytical report also has environmental analytical results for CWI's North and South Seepage Ponds. These ponds are Illinois EPA-regulated seepage ponds for CWI's rinse waters from the annealing process, non-contact cooling water, boiler blowdown and storm water.

- 3 **Upcoming Events/Activities Planned** – CWI will continue to operate the existing remediation systems. Effluent samples will be collected, analyzed and reported as required in our NPDES permit. CWI has reapplied for the NPDES permit for this system adding a second discharge for the pump and discharge system and awaits comments from IEPA.

CWI has submitted a water well permit application to the McHenry County Health Department for the replacement irrigation well for **Ex. 6 Personal Privacy (PP)** received a comment letter from the county and has responded to the comments.

CWI is currently seeking a vendor to replace the **Ex. 6 Personal Privacy (PP)** well with a deeper well sealed and cased into the bedrock.

CWI plans to meet as needed with **Ex. 6 Personal Privacy (PP)** work out details and schedules, but that work won't kick off until the McHenry water well permit is issued.

Samples will continue to be collected at the **Ex. 6 Personal Privacy (PP)** every month when the irrigation pumps are not operating, usually between November and March of each year.

- 4 **Anticipated Problem Areas and Recommended Solutions** – None.

- 5 **Key Personnel Changes** – None.

- 6 **Target and Actual Completion Dates** – This project has not deviated from the project schedule.